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Listing of Claims:

1. (Currently Amended) An optical switch comprising:  
optical-path switching elements for switching one optical path to another optical path ~~in order~~ to allow one light beam for optical communication emitted from one of at least one input optical fiber used for inputting beams ~~out of one or a plurality of input optical fibers~~, to be incident on one of at least one output optical fiber from which beams are outputted ~~out of one or a plurality of output optical fibers~~;

a photo-sensor;

10 light guiding means for guiding the beam ~~to be incident on the output optical fiber~~ to the photo-sensor; and

control means for controlling ~~the~~ an angle of each of the optical-path switching ~~element~~ elements based on the basis of a detection signal obtained through the photo-sensor.

2. (Currently Amended) The optical switch according to Claim 1, wherein each of the optical-path switching ~~element~~ elements includes a galvanometer mirror.

3. (Currently Amended) The optical switch according to Claim 1, wherein the light guiding means is ~~constructed so as~~

adapted to guide a light beam transmitted through at least one of the optical-path switching element elements to the photo-sensor.

4. (Currently Amended) The optical switch according to Claim 3, wherein the light guiding means is ~~constructed so as~~ adapted to split ~~a~~ the light beam transmitted through at least one of the optical-path switching element elements using a beam splitter and then to guide ~~the~~ a beam split from the light beam to the photo-sensor.

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5. (Currently Amended) The optical switch according to Claim 3, wherein the light guiding means includes the photo-sensor ~~comprising~~, which comprises (i) a base having a hole through which ~~a light beam passes~~, the light beam being transmitted through at least one of the optical-path switching element elements passes, and (ii) at least two ~~or more~~ light receiving elements disposed around the hole ~~on~~ in the base.

6. (Currently Amended) The optical switch according to Claim 1, wherein the light guiding means is ~~constructed so as~~ adapted to partially split a light beam transmitted through the output optical fiber and to allow the photo-sensor to receive ~~the~~ a beam split from the light beam.

7. (Currently Amended) The optical switch according to Claim 6, wherein the light guiding means comprises:

an the output optical fiber for capturing a light beam transmitted through at least one of the optical-path switching 5 element elements;

a photocoupler which is disposed on an output terminal of the output optical fiber and which splits the beam into a beam for the photo-sensor and a beam for communication; and

10 a sensor fiber for guiding the split beam ~~for a fiber used~~ for the photo-sensor to the photo-sensor, and

wherein each optical-path switching element is ~~constructed~~ so as adapted to be oscillated ~~small~~ when a driving signal with a predetermined frequency is supplied thereto.

8. (Currently Amended) The optical switch according to Claim 7, wherein each of the optical-path switching element elements is ~~constructed so as~~ adapted to be oscillated ~~small~~ in two directions.

9. (Currently Amended) The optical switch according to Claim 8, wherein the driving signal comprises driving signals to be supplied to each of the optical-path switching element elements have different frequencies so that the optical-path

~~switching element is elements are enabled to be oscillated small~~  
in the two directions.

10. (Currently Amended) An optical switch comprising:

optical-path switching elements for switching at least one optical path to another optical path ~~in order~~ to allow one light beam for optical communication emitted from one of at least one input optical fiber used for inputting beams ~~out of one or a plurality of input optical fibers~~, to be incident on one of at least one output optical fiber from which beams are outputted ~~out of one or a plurality of output optical fibers~~;

a photo-sensor;

10 light guiding means for guiding the beam ~~to be incident on the output optical fiber~~ to the photo-sensor; and

control means for adjusting ~~the an angle of each of~~ the optical-path switching ~~element elements based on the basis of a~~ detection signal obtained through the photo-sensor to adjust at 15 least one of ~~the a~~ relative position and ~~the an angle of the~~ beam.